

Dear Hayes,

Thank you for your letter of Jan 1st. I have used the word heterozygous, inspite of the fact that K-12 strains are normally - or should be - haploid , referred to the cross between two of them ; on which occasion a diploid should form even if unstable, and lasting perhaps one only generation. It is probably a loose use for this term, but ~~it~~ I hoped it would give an idea of what I meant. - Have you tried if sterilizing both strains with streptomycin a cross is possible ? You should use in this case strains other than TLB<sub>1</sub>- and derivatives, which to my mind are exceptional under this point of view ; in case you are interested I could let you have them .

Yours sincerely

Jan.8th, 1952